ABSTRACT OF THE DISCLOSURE

Shakiness of a panoramic video can be reduced by an image processing method comprising: setting a common coordinate system which can be transformed from

5   individual coordinate systems of a plurality of image sensing devices; estimating postures of at least one of the plurality of image sensing devices; calculating an estimated posture of the common coordinate system using at least one of the estimated posture of the plurality

10   of image sensing devices;   calculating a correction transform for reducing a shakiness of the common coordinate system using the estimated posture of the common coordinate system; calculating a correction transform for reducing a shakiness of each of the

15   plurality of image sensing devices using the correction transform; applying the corresponding correction transform to a sensed image which is sensed by each of the plurality of image sensing devices; and composing a panoramic image by joining a plurality of transformed

20   sensed images.